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Please type a plus sign (+) inside this box ☐ Approved for use through 10/31/2002, OMB 0651-0032  
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|   |                        |   |
|---|------------------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No.    | 8045-26 (PX1401-US/SSD)                     |
|   | First Inventor         | Yong-Dae PARK                               |
|   | Title                  | Control Signals Transmitting Method With... |
|   | Express Mail Label No. | EL797416201US                               |

|   |  |
|---|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
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|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages <b>12</b> ]<br><i>(preferred arrangement set forth below)</i><br>- Descriptive title of the invention<br>- Cross Reference to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to sequence listing, a table, or a computer program listing appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>3</b> ]<br>5. Oath or Declaration [Total Pages <b>2</b> ]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br><i>(for continuation/divisional with Box 18 completed)</i><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).<br>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies |
|---|--|

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| <b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: Checks for \$740.00 and \$40.00 |
|--|

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|  |                                      |           |                |          |                |
|--|--------------------------------------|-----------|----------------|----------|----------------|
| <b>19. CORRESPONDENCE ADDRESS</b><br><input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> Correspondence address below<br>(Insert Customer No. or Attach bar code label here) |                                      |           |                |          |                |
| Name   | F. Chau & Associates, LLP            |           |                |          |                |
| Address  | 1900 Hempstead Turnpike<br>Suite 501 |           |                |          |                |
| City   | East Meadow                          | State     | New York       | Zip Code | 11554          |
| Country  |                                      | Telephone | (516) 357-0091 | Fax      | (516) 357-0092 |

|                   |            |                                   |          |
|-------------------|------------|-----------------------------------|----------|
| Name (Print/Type) | Frank Chau | Registration No. (Attorney/Agent) | 34,136   |
| Signature         |            | Date                              | 12/28/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 780.00

## Complete if Known

|                      |                          |
|----------------------|--------------------------|
| Application Number   |                          |
| Filing Date          | Decmeber 28, 2001        |
| First Named Inventor | Yong Dae PARK            |
| Examiner Name        |                          |
| Group Art Unit       |                          |
| Attorney Docket No.  | 8045-26 ( PX1401-US/SSD) |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 50-0679

Deposit Account Name F. CHAU & ASSOCIATES, LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description        | Fee Paid |
|--------------|--------------|---------------|---------------|------------------------|----------|
| 101          | 201          | 740           | 370           | Utility filing fee     | 740.00   |
| 106          | 206          | 330           | 165           | Design filing fee      |          |
| 107          | 207          | 510           | 255           | Plant filing fee       |          |
| 108          | 208          | 740           | 370           | Reissue filing fee     |          |
| 114          | 214          | 160           | 80            | Provisional filing fee |          |

SUBTOTAL (1) (\$ ) 740.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 20                 | -20** = 0    | x 18.00        | = 0      |
| 3                  | -3** = 0     | x 84.00        | = 0      |
| Multiple Dependent |              | 280.00         | = 0      |

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description  |
|--------------|--------------|---------------|---------------|--|
| 103          | 203          | 18            | 9             | Claims in excess of 20                                     |
| 102          | 202          | 84            | 42            | Independent claims in excess of 3                          |
| 104          | 204          | 280           | 140           | Multiple dependent claim, if not paid                      |
| 109          | 209          | 84            | 42            | ** Reissue independent claims over original patent         |
| 110          | 210          | 18            | 9             | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|--------------|--------------|---------------|---------------|--|----------|
| 105          | 205          | 130           | 65            | Surcharge - late filing fee or oath  |          |
| 127          | 227          | 50            | 25            | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 239          | 130           | 130           | Non-English specification  |          |
| 147          | 247          | 2,520         | 2,520         | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112          | 212          | 920*          | 920*          | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 213          | 1,840*        | 1,840*        | Requesting publication of SIR after Examiner action                        |          |
| 115          | 215          | 110           | 55            | Extension for reply within first month                                     |          |
| 116          | 216          | 400           | 200           | Extension for reply within second month                                    |          |
| 117          | 217          | 920           | 460           | Extension for reply within third month                                     |          |
| 118          | 218          | 1,440         | 720           | Extension for reply within fourth month                                    |          |
| 128          | 228          | 1,960         | 980           | Extension for reply within fifth month                                     |          |
| 119          | 219          | 320           | 160           | Notice of Appeal   |          |
| 120          | 220          | 320           | 160           | Filing a brief in support of an appeal                                     |          |
| 121          | 221          | 280           | 140           | Request for oral hearing   |          |
| 138          | 238          | 1,510         | 1,510         | Petition to institute a public use proceeding                              |          |
| 140          | 240          | 110           | 55            | Petition to revive - unavoidable   |          |
| 141          | 241          | 1,280         | 640           | Petition to revive - unintentional   |          |
| 142          | 242          | 1,280         | 640           | Utility issue fee (or reissue)   |          |
| 143          | 243          | 460           | 230           | Design issue fee   |          |
| 144          | 244          | 620           | 310           | Plant issue fee  |          |
| 122          | 222          | 130           | 130           | Petitions to the Commissioner  |          |
| 123          | 223          | 50            | 50            | Processing fee under 37 CFR 1.17(q)  |          |
| 126          | 226          | 180           | 180           | Submission of Information Disclosure Stmt                                  |          |
| 581          | 2581         | 40            | 40            | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146          | 246          | 740           | 370           | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 249          | 740           | 370           | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 279          | 740           | 370           | Request for Continued Examination (RCE)                                    |          |
| 169          | 269          | 900           | 900           | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 40.00

## SUBMITTED BY

Name (Print/Type) Frank Chau

Registration No. 34,136  
(Attorney/Agent)

## Complete (if applicable)

Telephone 516-357-0091

Signature

Date

12/28/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION

Atty. Docket No. 8045-26 (PX1401-US/SSD)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Yong-Dae PARK, Uk-Rae CHO

For: CONTROL SIGNAL TRANSMITTING METHOD WITH PACKAGE  
POWER PIN AND RELATED INTEGRATED CIRCUIT PACKAGE  
STRUCTURE

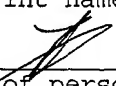
Enclosed are:

- [X] 7 page(s) of specification  
[X] 1 page(s) of Abstract  
[X] 4 page(s) of claims  
[X] 3 sheets of drawings [X] formal [ ] informal  
[X] 2 page(s) of Declaration and Power of Attorney  
[X] An Assignment of the invention to:  
Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date December 28, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL797416201US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Frank Chau  
(Type or print name of person mailing paper)

  
(Signature of person mailing paper)

[ ] This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s) .:

APPLICATION NO(S) .:

FILING DATE

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\_\_\_\_\_

\_\_\_\_/\_\_\_\_

\_\_\_\_\_

[X] Certified copy of applications

Country

Appln. No.

Filed

Korea

2001-33086

13 June 2001

from which priority under Title 35 United States Code, § 119 is claimed

[X] is enclosed.

[ ] will follow.

[ ] The fees to be charged are to be based on the number of claims remaining as a result of the attached Preliminary Amendment.

CALCULATION OF UTILITY APPLICATION FEE

| For         | Number<br>Filed | Number<br>Extra | Rate       | Basic Fee<br>\$ 740.00 |
|-------------|-----------------|-----------------|------------|------------------------|
| Total       |                 |                 |            |                        |
| Claims*     | 20              | -20 = 0         | x \$ 18.00 | \$ .00                 |
| Independent |                 |                 |            |                        |
| Claims      | 3               | -3 = 0          | x \$ 84.00 | \$ .00                 |
| Multiple    | [ ] yes         | Add'l. Fee      | \$280.00   | \$                     |
| Dependent   |                 |                 |            |                        |
| Claims      | [x] no          | Add'l. Fee      | None       | = \$                   |


TOTAL \$ 740.00

[ ] Applicant claims Small Entity Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$\_\_\_\_\_.

\*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] A check in the amount of \$40.00 is enclosed for recording the attached Assignment.
- [X] A check in the amount of \$740.00 to cover the filing fee is attached.
- [ ] Charge fee to Deposit Account No. 50-0679. Order No. 50-0679. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: 12/28/01

  
SIGNATURE OF ATTORNEY  
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Reg. No. 34,136

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